



**Royal Government of Bhutan National  
Land Commission Secretariat  
Department of Survey and Mapping  
Cadastral Information Division  
Cadastral Field Book for RTK Surveying**



**1. Survey Information**

Surveyor: ..... CID/License No: .....

Plot No: .....

Date of Survey: .....

Instrument Model: ..... Calibration Date: .....

**2. Base Station Information**

Base Type (**Tick**): CORS/PRS  Control Point

Receiver Serial No: .....

Stand Type (**Tick**): Tripod  Bipod  Antenna Height (m): .....

Coordinates (**Tick**): National Grid  Local Grid

**Base Station Coordinates:**

Station	Easting (m)	Northing (m)	Elevation (m)	Transaction ID

**3. Rover Information**

Receiver Serial No: .....

Antenna Height (m): .....

**4. Point Identifiers**

Starting ID: ..... Ending ID: ..... CODE :{ PBDY,BLDG,ROAD,OTHERS}

Starting ID: ..... Ending ID: ..... CODE :{ PBDY,BLDG,ROAD,OTHERS}

Starting ID: ..... Ending ID: ..... CODE :{ PBDY,BLDG,ROAD,OTHERS}

**5. Check Points**

Section 6.6.1. of the RTK guidelines states that accuracy of base station must be checked by connecting to known points. List the station(s) or marker (s) or any other occupations used to ensure quality of surveying.

Point ID	Known Coordinates		Measured Coordinates		Difference	
	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Easting (m)	Northing (m)

**6. Control Provision**

Section 7 of the RTK guidelines states that 2 sets of coordinates should be in agreement or better than 2 cm in horizontal and 5 cm in vertical while providing control point by RTK survey.

*Fill in the table only if control points are established during the RTK surveying.*

Station ID	Coordinates	First set	Second set	Difference	Distance
	Easting (m)				
	Northing(m)				
	Elevation(m)				
	Easting (m)				
	Northing(m)				
	Elevation(m)				
	Easting (m)				
	Northing(m)				
	Elevation(m)				

**Note: Horizontal distance =  $\sqrt{\text{Difference in Easting}^2 + \text{Difference in Northing}^2}$**

**Surveyor (Signature)**